

Book Review

Integer programming and related areas - A classified bibliography 1976-1978. Compiled at the Institut für Ökonometrie und Operations Research, University of Bonn. Edited by Dirk HAUSMAN. 1978, XIV + 314 pages. Soft cover, DM 32, US 16. Springer-Verlag, Berlin, Heidelberg, New-York.

Vol. 160 of "Lecture Notes in Economics and Mathematical Systems".

Editors M. BECKMANN and H. P. KÜNZL.

This excellent bibliography is a continuation of a previous work edited by C. KASTNING in 1976 as Volume 128 in the same series. D. HAUSMANN who continued the work after C. KASTNING's death, collected all material published after 1975 as well as earlier publications that were omitted in the first volume. This second volume contains 3162 new publications by 2742 authors. Together the two volumes cover 7866 titles.

As in the previous volume the book is divided into three parts :

In part 1 a bibliography lists all publications alphabetically by the first author. The original title is included for English, French and German publications. Titles of papers written in other languages have been translated into English.

In part 2 the publications have been classified according to 57 subjects. The list of subjects, which have been completely changed in this volume, takes into account many new directions of research. Besides this list 73 further topics are also given together with the subject headings to which they have been assigned. This table usefully replaces a keyword index which is not included. Many publications appear in several sections of part 2.

Part 3 contains an alphabetical catalogue of all authors appearing in part 1 and lists for each author the reference codes of his publications. These can then be found in part 1. This makes it possible to locate publications for which only a co-author's name is known. The two volumes give researchers in the fields of integer programming and combinatorial and graph theoretical optimization an important tool both for the study of a particular problem as for the research for missing publications. They are strongly recommended to those interested in these fields.

L. Kaufman